



406868

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #41—April 7, 2008

Work Completed: March 27-April 2, 2008

- Began installing geosynthetics over the subgrade of Staging Area 4N.
- Began installing resuspension control measures in Removal Area 9B.
- Continued removing soil/sediment from the downstream-most 200 feet of Removal Area 13B.
- Continued loading and transporting non-TSCA stumps and root mass accumulated from clearing and grubbing activities to both Allied Waste's Ottawa County Farms landfill and their C&C landfill.
- Completed installing the WCS Scour Protection System (excluding grout for articulated mat seams).

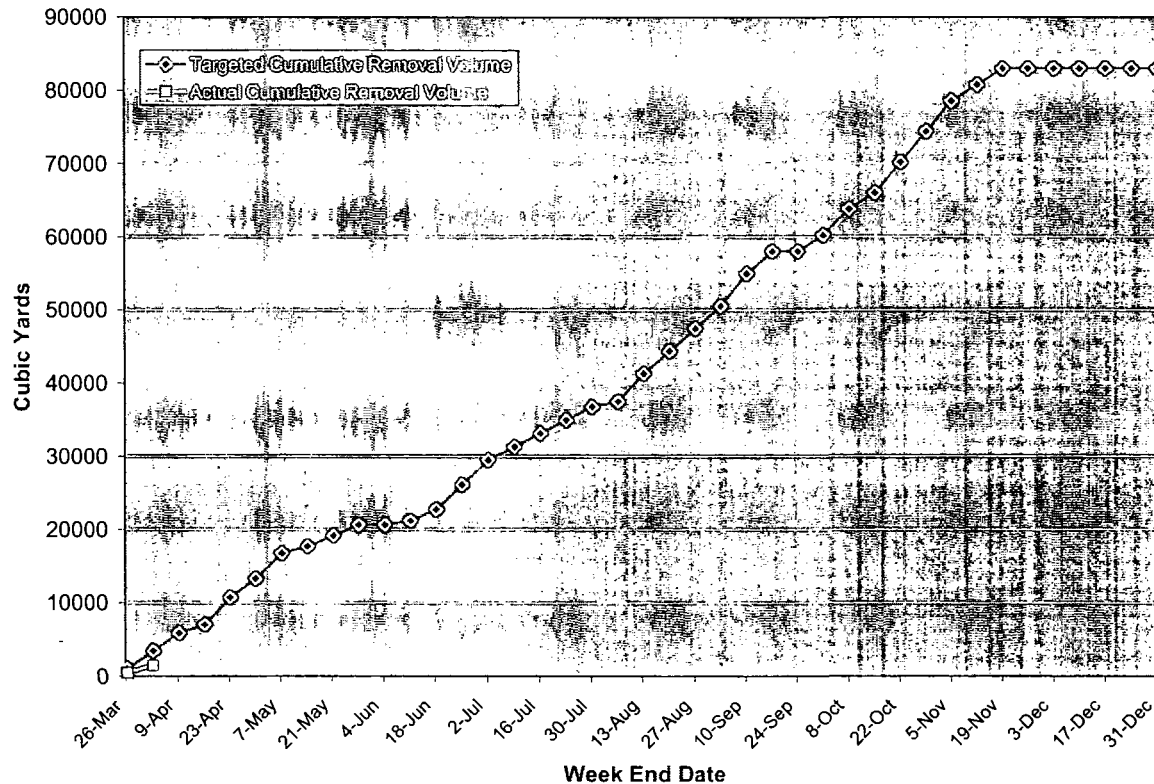
Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	0	0	105	3
2008 Total	0	0	3045	87
Project Total to Date	3,150	90	36960	1056

** All values are unofficial, estimated quantities, subject to revision/verification.

Work Planned: April 3-April 10, 2008

- Complete removal of soil/sediment from the downstream-most section of Removal Area 13B.
- Complete installation of resuspension control measures in Removal Area 9B.
- Begin removal of soil/sediment from Removal Area 9B.
- Continue loading and transporting non-TSCA stumps and root mass accumulated from clearing and grubbing activities.
- Begin installing stone at excavated portion of Removal Area 13B.
- Continue Staging Area 4N activities including completing the installation of geosynthetics over the subgrade and beginning installation of a protective stone layer.
- Begin confirmation sampling and record survey activities in Removal Area 13B.

Removal Progress

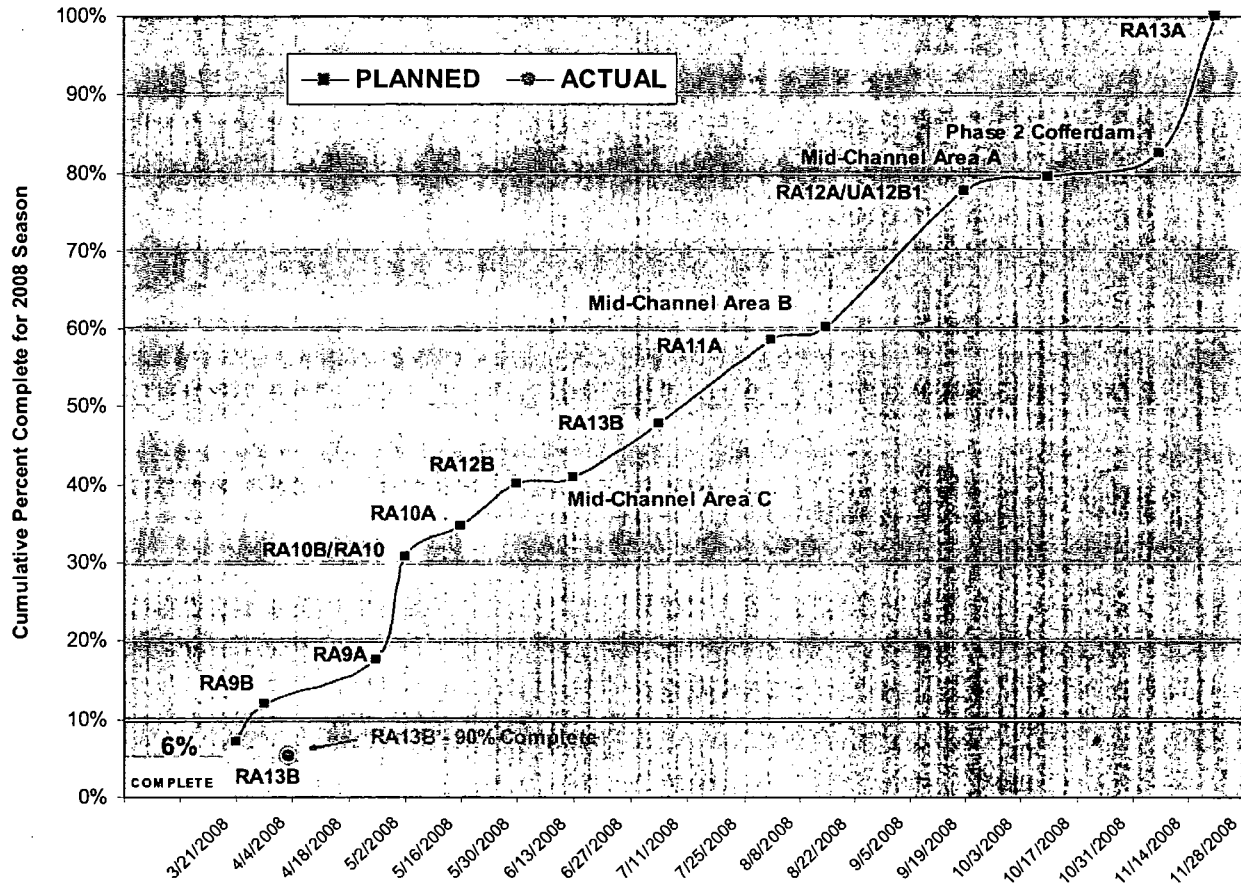


Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress



Health & Safety Update

- 2 Loss Prevention Observations (LPOs) were completed during this period.
A total of 120 LPOs have been completed for the project to date.

Weather Summary

- Work activities were cancelled on March 31st due to inclement weather conditions. Work activities were limited on April 1st due to high winds.
- Frost laws in the State of Michigan are temporarily limiting the movement of large equipment and waste materials over public roads. It is anticipated that frost law limitations will be in effect for the next two weeks.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 62,000 gallons
Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☒ Yes ☐ in
Cleanup Standard Achieved? N/A ☒ Yes ☐ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- None.

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Equipment on Site

Equipment	3/27/08	3/28/08	3/29/08	3/30/08	3/31/08	4/01/08	4/02/08
Komatsu PC-300 Excavator	2	2	2	2	2	2	2
Komatsu PC-300 HD Long Reach	1	1	1	1	1	1	1
Komatsu PC-200 Excavator	-	-	-	-	-	-	-
John Deere JD-50 Mini-Excavator	-	-	-	-	-	-	-
John Deere JD-450 Dozer	-	-	-	-	-	-	-
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	-	-	-	-	-	-	-
FAVCO 40-ton Crane	1	1	1	1	1	1	1
American 80-ton Crane (King)	-	-	-	-	-	-	-
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	-	-	-	-	-	-	-
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	1	1	1	1	1	1	1

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Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	3/27/08	3/28/08	3/29/08	3/30/08	3/31/08	4/01/08	4/02/08
Terra Contracting Staff	15	15	12	✓	15	15	15
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Mike Ribordy/USEPA OSC						X	X
Tom Crosett/USEPA							
Paul Bucholtz/MDEQ							X
John Bradley/MDEQ							
Judith Gapp/MDEQ							
John Lerg/MDNR							
Sharon Hanshew/MDNR							
Lisa Williams/USFWS							
Weston Contractors	X	X			X	X	X
CDM Contractors	X						
Chase Fortenberry/KRSG							
Mark Brown/KRSG							
Steve Garbaciak/ARCADIS							X
Adam Chwalibog/ARCADIS							
Eric Hritsuk/ARCADIS							
Rich Price/ARCADIS							
Matt Bowman/ARCADIS							
EJ Suardini/ARCADIS	X				X	X	X
Mike Kohagen/ARCADIS	X	X	X		X	X	X
Michelle Rumler/ARCADIS	X	X			X	X	X
Joe Willoughby/ARCADIS	X	X				X	X
Ben Lawrence/ARCADIS							
Nick Harmer/ARCADIS					X	X	X
Other Subcontractors (Specify)							
King Co.							

Photos from Week #41



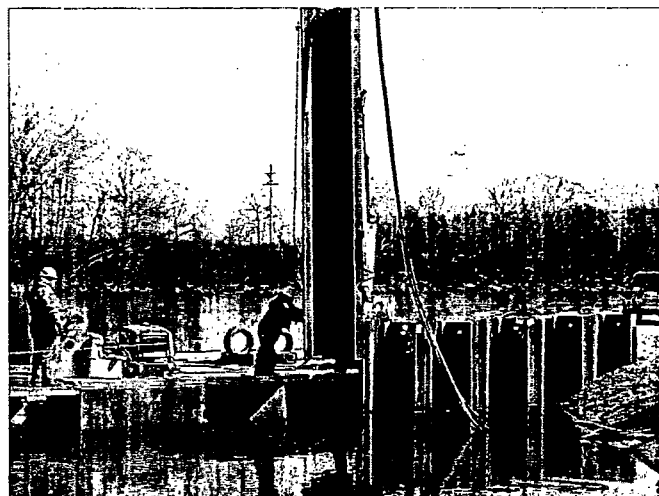
Installing geosynthetics at Staging Area 4N.



Installing posts for the resuspension control system in Removal Area 9B.

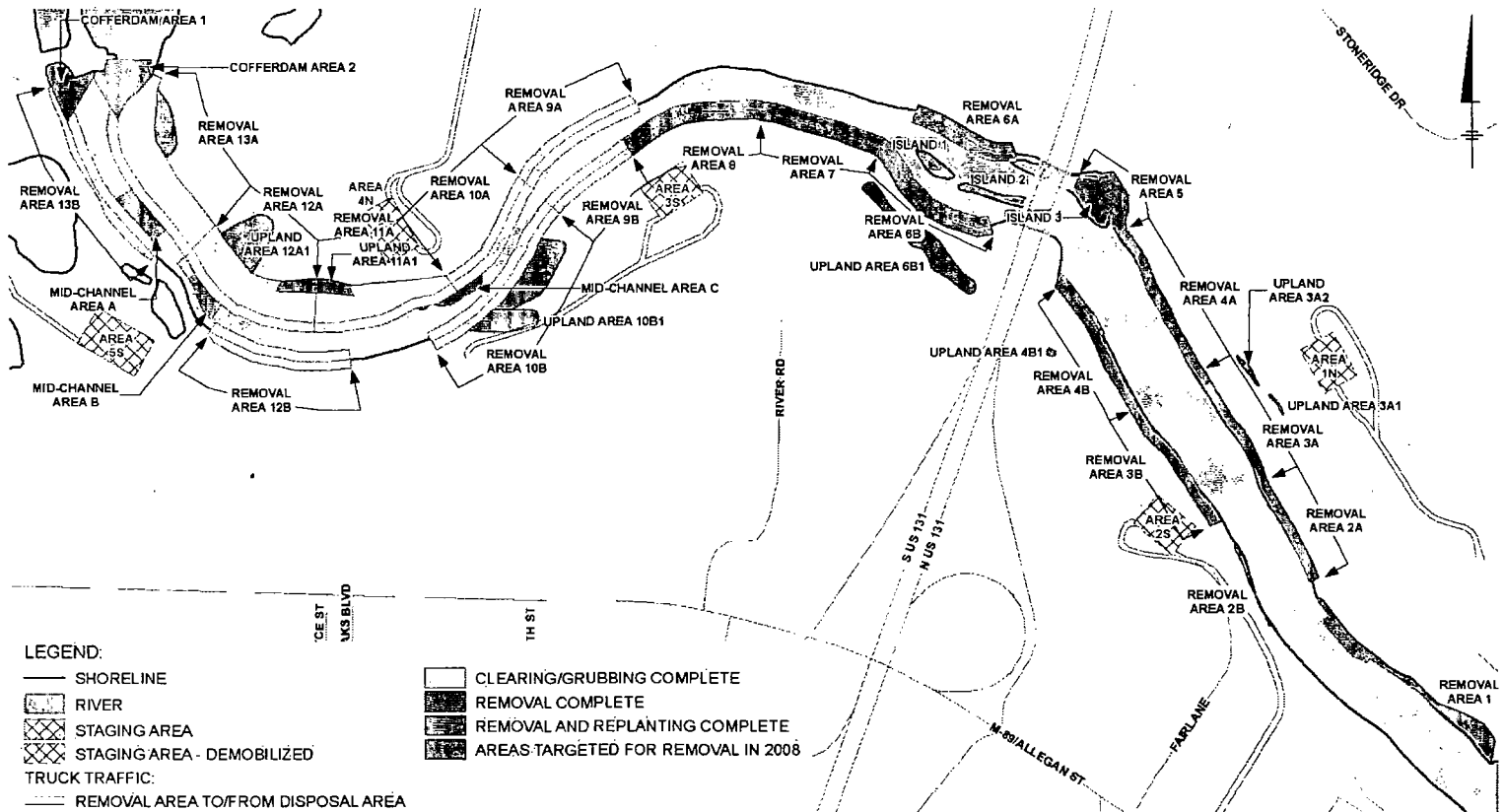


Excavating soil/sediment from Removal Area 13B.



Installing steel sheeting for the resuspension control system in Removal Area 9B.

Targeted Removal Areas—Former Plainwell Impoundment



Notes:

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.